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October 11, 2001

By:

Jennifer Mahoney

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

09/835,043

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Serial No.	Filing Date	Title
08/775,264	02/28/97	Catheter System for Treating a Vascular Occlusion
08/808,092	02/28/97	Manual Actuator for a Catheter System for Treating Vascular Occlusions
08/808,527	02/28/97	Intravascular Catheter System for Treating a Vascular Occlusion
08/969,814	11/13/97	Guide Wire and Catheter with Rotating and Reciprocating Symmetrical or Asymmetrical Distal Tip
08/970,911	11/14/97	Recanalization Apparatus and Devices for Use Therein and Method
09/006,563	01/13/98	Methods and Apparatus for Crossing Total Occlusions in Blood Vessels
09/007,434	01/15/98	Method and Apparatus for the Guided Bypass of Arterial Occlusions
09/008,198	01/15/98	Catheter Apparatus for Guided Transvascular Treatment of Arterial Occlusions
09/008,033	01/16/98	Catheter Apparatus for Treating Arterial Occlusions
09/032,770	02/28/98	Method for Treating Vascular Occlusion
09/032,773	02/28/98	Catheter System for Treating a Vascular Occlusion
09/047,124	03/24/98	Improved Guidewire, Catheter and Method of Crossing Tight Intravascular Occlusions Using Same
09/163,854	09/30/98	Methods and Apparatus for Crossing Vascular Occlusions
09/149,874	09/08/98	Methods and Apparatus for Treating Vascular Occlusions
09/149,875	09/08/98	Methods and Apparatus for Treating Vascular Occlusions
09/427,966	10/27/99	Methods and Apparatus for Treating Vascular Occlusions
09/440,308	11/17/99	Apparatus for Crossing Total Occlusions in Blood Vessels
09/443,682	11/18/99	Guidewire and Catheter with Rotating and Reciprocating Symmetrical or Asymmetrical Distal Tip
09/443,924	11/19/99	Methods and Apparatus for Treating Vascular Occlusions
09/483,173	01/13/00	Catheter Apparatus for Treating Arterial Occlusions
09/538,850	03/28/00	Methods and Apparatus for Treating Vascular Occlusions
09/538,441	03/29/00	Methods and Apparatus for Treating Vascular Occlusions
09/557,379	04/25/00	Methods and Apparatus for Treating Vascular Occlusions
60/241,134	10/16/00	Catheter
60/245,343	11/1/00	Catheter
09/728,780	11/30/00	Methods and Apparatus for Crossing Vascular Occlusions
60/251,756	12/05/00	Method and Apparatus for Catheter Device Nose Cone
60/225,729	12/14/00	Method and Apparatus for a Tissue Identification Catheter/Cannula
09/765,777	01/19/01	Methods and Apparatus for Crossing Total Occlusions in Blood

		Vessels
60/263,350	01/22/01	Method and Apparatus for Crossing a Vascular Occlusion
60/263,397	01/22/01	Method And apparatus for Crossing a Vascular Occlusion
60/263,589	01/22/01	Method and Apparatus for Crossing a Vascular Occlusion
60/263,579	01/22/01	Method and Apparatus for Crossing a Vascular Occlusion
60/263,580	01/22/01	Methods and Apparatus for Crossing a Vascular Occlusion
09/768,376	01/22/01	Method and Apparatus for Crossing Intravascular Occlusions
60/268,263	02/12/01	Dual Lumen Reentry Catheter
60/268,264	02/12/01	Catheter
60/268,647	02/13/01	Method and Apparatus for Micro-Dissection of Vascular Occlusions
60/268,652	02/13/01	Method and Apparatus for Micro-Dissection of Vascular Occlusions
60/268,654	02/13/01	Method and Apparatus for Micro-Dissection of Vascular Occlusions
60/268,655	02/13/01	Method and Apparatus for Micro-Dissection of Vascular Occlusions
60/274,620	03/08/01	Flexible Instrument Shaft
09/812,355	03/19/01	Instrument Shaft
09/835,043	04/13/01	Methods and Apparatus for Treating Vascular Occlusions
60/301,537	06/27/01	Method and Apparatus for a Catheter Including Visualization and Vacuum Systems
60/301,528	06/28/01	Method and Apparatus for a Catheter Including a Directional Delivery Sheath

**Power of Attorney by Assignee and Certification**  
**Under 37 CFR §3.73(b)**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

I, the undersigned, acting on behalf of the Assignee of the entire right, title and interest in the above-referenced patent applications, appoint the attorneys and agents listed below to prosecute these applications and transact all business with the U.S. Patent and Trademark Office in connection therewith. This appointment is to the exclusion of the inventor(s) and their attorney(s) and agent(s) in accordance with the provisions of 37 CFR 3.71.

All prior powers of attorney for this application are hereby revoked. The Assignee hereby appoints JERRY A. RIEDINGER, Registration No. 30,582; MAURICE J. PIRIO, Registration No. 33,273; MICHAEL D. BROADDUS, Registration No. 41,637; CATHERINE HONG TRAN, Registration No. 43,960; ROBERT G. WOOLSTON, Registration No. 37,263; PAUL T. PARKER, Registration No. 38,264; JOHN M. WECHKIN, Registration No. 42,216; CHRISTOPHER DALEY-WATSON, Registration No. 34,807; STEVEN D. LAWRENZ,

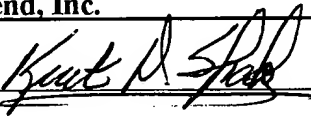
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Effective immediately, please direct all further communications in the above-identified patent application to the following address:

**Perkins Coie LLP  
P.O. Box 2168  
Menlo Park, CA 94026  
Telephone: (650) 838-4300  
Customer No. 22918**

In accordance with 37 CFR 3.73(b), I hereby certify that I am empowered to act on behalf of the Assignee. To the best of my knowledge and belief, title is in the Assignee, as evidenced by the assignments recorded in the various applications.

I further declare that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, USC §1001 and that such willful false statements may jeopardize the validity of the this application or any patent resulting therefrom.

ASSIGNEE: LuMend, Inc.  
Signature:   
Typed Name: Kurt D. Sparks  
Title: Vice President of Research and Development  
Date: OCTOBER 4, 2001  
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